Setting up of Solar Energy Plants

4317. SHRI K. M. KHAN: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the details of the Solar Energy Plants set up in the country during the last three years, State-wise and year-wise;

(b) the number of Solar Energy Plants proposed to be set up during the current financial year 2001-2002;

(c) the funds earmarked for the purpose during the period, State-wise; and

(d) the steps being taken by the Government to enhance the production of power through non-conventional energy sources?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) The Ministry of Non-Conventional Energy Sources is implementing various solar energy programmes in the country, including the installation of Solar Photovoltaic (SPV) Power Plants. The State-wise and year-wise details of such power plants installed during the last three years is given in the Statements. *(See* below)

(b) and (c) The Ministry has planned to set up Solar Photovoltaic Power Plants of 520 KWp aggregate capacity during the current financial year i.e. 2001-2002 with an estimated central financial assistance of Rs. 1030 lakhs. The Indian Renewable Energy Development Agency (IREDA) Limited also provides soft loan assistance for the installation of such power plants. Some SPV power plants may also be installed during the current year under a new Village Electrification Programme to be initiated by the Ministry. State-wise allocation of targets and earmarking of funds for the installation of the SPV Power Plants have not yet been done for the current financial year.

(d) The Ministry has proposed the installation of an additional 10,000 MW power generation capacity through non-conventional energy sources by the end of the 11th Five Year Plan *i.e.* 2012. Various programmes are being implemented to enhance the

production of power through renewable energy sources like wind, biomass, small hydro, solar energy and urban & industrial wastes. Technical guidance & Financial incentives like support for detailed surveys and investigations of the sites, preparation of detailed project reports, capital subsidy, interest subsidy and support for renovation and modernization of the old projects are being provided under these programmes. Fiscal incentives like concessional duties and tax benefits have also been made available.

Statement

State-wise SPV power plants installed during 1998-99, 1999-2000 and 2000-2001

S.No	State/UT	1998-99		1999-2000		2000-01	
		Nos.	kWp	Nos.	kWp	Nos.	kWp
1.	Andhra Pradesh	—	—	13	13	10	200
2.	Haryana	—	~_	—	—	5	25
3.	Delhi	—	—	—	—	4	20
4.	Gujarat	—	—	2	2	3	15
5.	Jammu & Kashmir	—	—	—	—	1	40
6.	Karnataka	—	—	1	1	8	40
7.	Kerala	—	—	10	34	—	—
8.	Madhya Pradesh	1	100	—	—	2	10
9.	Maharashtra	—	—	11	85	3	15
10.	Orissa	—	—L	—	—	3	8
11.	Punjab	7	22	4	65	—	—
12.	Rajasthan	—	—	—	—	20	121
13.	Tamil Nadu	1	10	—	—	8	40
14.	Uttar Pradesh	1	25	—	—	2	105
15.	West Bengal	1	26	3	75	4	144
16.	Chandigarh	—	—	1	50	—	—
17.	Lakshadweep Islands	—	—	1	100	1	100